

78414 to 78442—Continued.

78423 to 78425. *KALANCHOE* sp.

For previous introduction and description see No. 77919.

78423. Botanic Garden, Tananarive, September 28, 1928.

78424. Ampanihy, September 1, 1928.

78425. No. 4904. Ihosy, Ranohira, July 29, 1928.

78426. *KALANCHOE DAIGREMONTIANA* Ham. and Ferr.

For previous introduction and description see No. 77907.

78427. *KALANCHOE FEDTSCHENKOI* Ham. and Ferr.

Botanic Garden, Tananarive, September 28, 1928. A rather small succulent, about 10 inches high, with crenate rounded-oval leaves an inch and a half long, bluish green overcast with purple, and small purplish flowers in a loose cluster terminating the slender stem. Native to Madagascar.

78428. *KALANCHOE GASTONIS-BONNIERI* Ham. and Ferr.

Botanic Garden, Tananarive, September 28, 1928. During nonblooming periods this succulent, native to Madagascar, is a low plant with a very short stem and a rosette of light green crenate leaves, faintly dotted with darker green. From these crenations young plants evidently arise. When about to flower, the stem elongates to a height of nearly 2 feet, bearing at its summit a lax corymb of light-pink flowers.

78429. *KALANCHOE MINIATA* Hilsenb. and Boj.

Botanic Garden, Tananarive, September 28, 1928. An erect slender fleshy plant 1 to 2 feet high, native to Madagascar. The smooth green oval-obtuse leaves are up to 3 inches long with pink petioles and shallow crenate margins. The small flowers, bright red with fine brown spots, are in lax terminal panicles.

78430. *KALANCHOE PILOSA* Hort.

Botanic Garden, Tananarive, September 28, 1928. An ornamental fleshy perennial with very thick leaves, densely tomentose, with the hairs silvery except at serrations, where they are rusty brown.

78431. *KALANCHOE SYNSEPALA* Baker.

For previous introduction and descriptions see No. 77911.

78432. *KALANCHOE TUBIFLORA* Hamet.

Botanic Garden, Tananarive, September 28, 1928.

For previous introduction and description see No. 77913.

78433. *KALANCHOE ALICIAE* Hamet.

Botanic Garden, Tananarive, September 28, 1928. A succulent herbaceous ornamental with pink flowers; leaves opposite, cordate, with crenate margins, almost as downy as mullein, but the green of the leaf shows through.

78414 to 78442—Continued.

78434. *KALANCHOE DAIGREMONTIANA* Ham. and Ferr.

For previous introduction and description see No. 78426.

78435. *KALANCHOE ALICIAE* Hamet.

Ambositra, July 21, 1928.

For previous introduction and description see No. 78433.

78436. *KALANCHOE* sp.

Amber Mountains, Diego Suarez, October 6, 1928. Epiphyte growing on trees. A lax vine with opposite fleshy leaves three-fourths of an inch long, green with a line of red on the edges, and one or two marginal dentations. It roots at the nodes.

78437. *KITCHINGIA PELTATA* Baker.

Forest of Ambatofnandrano, on the road between Ambositra and Fianarantsoa, September 21, 1928. A succulent herbaceous ornamental with leaves petiolate, peltate, crenate, 2 to 3 inches long, green with red margins, and petioles and stems pink.

78438. *KALANCHOE ALICIAE* Hamet.

Between Andina and Ambositra, July 21, 1928.

For previous introduction and description see No. 78433.

78439. *LOMATOPHYLLUM OCCIDENTALIS* Perrier. Liliaceae.

Botanic Garden, Tananarive, September 28, 1928. An aloelike plant, sometimes stemless but usually with a stem up to 2 feet long, native to dry, sandy regions in Madagascar. The recurved leaves, about 3 feet long, have horny margins and deltoid spiny tips. The dense conical head is composed of 50 to 80 purple flowers.

78440. *LOMATOPHYLLUM ROSEUM* Perrier. Liliaceae.

Botanic Garden, Tananarive, September 28, 1928. A stemless, soboliferous plant with a rosette of lanceolate leaves, long attenuate from the base to the tips, about 1½ feet long, 1½ inches wide with obtusely serrate margins. The rosy flowers are in a rather dense raceme on a scape about a foot high. Native to rocky places in Madagascar.

78441 and 78442. *MARSDENIA VERRUCOSA* (Bojer) Decaisne. Asclepiadaceae.

Itrobeta, Ampanihy, August 30, 1928. Bokabay. A rubber plant of some importance in Madagascar, and especially interesting in that the rubber is almost entirely confined to the young fruits, making it unnecessary to injure the plant in collecting the rubber. The fruits are about 4 to 6 inches long.

78441.

78442.

78443 to 78466. *MASCARENHASIA* spp. Apocynaceae.

From Madagascar. Plants and cuttings collected by Charles F. Swingle, Bureau of Plant Industry, and Dr. Henri Humbert, University of Algiers, Algeria. Received November 20, 1928.

78443 and 78444. *MASCARENHASIA ARBORESCENS* A. DC.